

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTORS: W. Kurt Dobson
Dirk Ostermiller
Sy Prestwich
Scott Bevan

ASSIGNEE: Spectrum5, Inc.

SERIAL NUMBER: n/a

DATE FILED: n/a

TITLE: EQUALIZER WITH DECISION FEEDBACK FREQUENCY
TRACKING AND BIT DECODING FOR SPREAD SPECTRUM
COMMUNICATIONS

ATTORNEY DOCKET: 4502 P

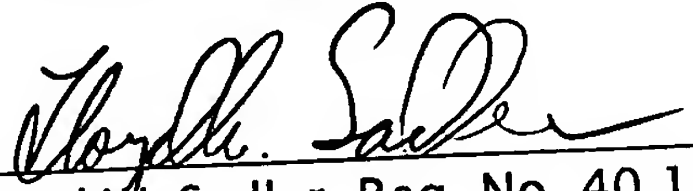
Mail Stop: PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-01450

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner:

Applicant's attorneys performed a patent search with regard to the present invention. Applicant has identified all materials that they are aware of which may be either prior art to the invention or that may be relevant to the background of the invention. All such materials known to Applicant and Applicant's attorneys are identified on the PTO-1449 attached hereto. A copy of all such materials shall be submitted as soon as clean copies are available. Applicant believes his invention is patentable over these materials.

Respectfully submitted this 1st day of October 2003,


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INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

ATTY DOCKET NO.
4502 P

SERIAL NO.
n/a

Dobson et al.

FILING
1 October 2003

GROUP
n/a

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,670,885	06/02/1987	Parl et al.	375	1	02/26/1985
	4,761,796	08/02/1988	Dunn et al.	375	1	01/24/1985
	5,168,508	12/01/1992	Iwasaki et al.	375	1	07/31/1991
	5,233,626	08/03/1993	Ames	375	1	05/11/1992
	5,239,556	08/24/1993	Ishigaki et al.	375	1	12/27/1991
	5,596,601	01/21/1997	Bar-David	375	207	08/30/1994
	5,623,511	04/22/1997	Bar David et al.	375	207	11/28/1994
	5,748,677	05/05/1998	Kumar	375	285	01/16/1996
	5,825,807	10/20/1998	Kumar	375	200	10/20/1998
	5,936,997	08/10/1999	Kanda	375	200	05/25/1995
	6,035,008	03/07/2000	Kim	375	345	10/06/1997

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. 4502 P		SERIAL NO. n/a	
				Dobson et al.			
				FILING 1 October 2003		GROUP n/a	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	6,047,019	04/04/2000	Ishii	375	206	09/19/1996	
	6,128,329	10/03/2000	Takakusaki	375	140	12/15/1997	
	6,141,393	10/31/2000	Thomas et al.	375	347	03/03/1999	
	US 6,175,588 B1	01/16/2001	Visotsky et al.	375	148	12/30/1997	
	US 6,215,762 B1	04/10/2001	Dent	370	208	07/22/1997	
	US 6,310,907 B1	10/30/2001	Tsujimoto	375	141	12/04/1998	
	US 6,473,447 B1	10/29/2002	Strich et al.	375	130	06/28/1995	
	US 6,522,683 B1	02/18/2003	Smee et al.	375	144	08/10/2000	
	US 6,556,617 B1	04/29/2003	Tsujimoto	375	141	09/21/1999	

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

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